

# PATENT COOPERATION TREATY

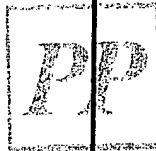
From the INTERNATIONAL SEARCHING AUTHORITY

## PCT

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL SEARCH REPORT  
OR THE DECLARATION

(PCT Rule 44.1)

To: K.P.BRYER & CO. Attn. Shelley, Mark Raymond 7 Gay Street Bath BA1 2PH UNITED KINGDOM
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Date of mailing (day/month/year)	18/05/2004
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Applicant's or agent's file reference P556PC01	<b>FOR FURTHER ACTION</b> See paragraphs 1 and 4 below
International application No. PCT/GB 03/05549	International filing date (day/month/year) 18/12/2003
Applicant  INTUNNEL LTD	

1.	<input checked="" type="checkbox"/>	The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.  <b>Filing of amendments and statement under Article 19:</b> The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):  <b>When?</b> The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.  <b>Where?</b> Directly to the International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35  <b>For more detailed instructions,</b> see the notes on the accompanying sheet.
2.	<input type="checkbox"/>	The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.
3.	<input type="checkbox"/>	<b>With regard to the protest</b> against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:  <input type="checkbox"/> the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.  <input type="checkbox"/> no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.
4.		<b>Further action(s):</b> The applicant is reminded of the following:  Shortly after <b>18 months</b> from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.  Within <b>19 months</b> from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).  Within <b>20 months</b> from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority  European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Jeanne Bauer
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# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  P556PC01	<b>FOR FURTHER ACTION</b> <small>see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.</small>	
International application No.  PCT/GB 03/05549	International filing date ( <i>day/month/year</i> )  18/12/2003	(Earliest) Priority Date ( <i>day/month/year</i> )  18/12/2002
Applicant  INTUNNEL LTD		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

### 1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

1



None of the figures.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB 03/05549

## Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

This invention provides an image display system of the type which may be used to present video images to occupants of a vehicle (10), such as a subway train, by briefly illuminating individual images provided on display boards (14) in a tunnel or the like, in sequence, so that occupants of the vehicle (10) observe a motion picture. One aspect of the invention provides a control unit for an image display system including a series of images (16) positioned along the path of a vehicle and lighting for briefly illuminating individual images and a detector (20) arranged to output repeated measurements of the speed of a passing vehicle. The control unit comprises a processing means including a first system arranged to process the repeated speed measurements to produce an instantaneous estimate of the position of the vehicle along the vehicle path, and a second system arranged to derive the illumination timings from the instantaneous estimate of the position of the vehicle.

## INTERNATIONAL SEARCH REPORT

International Application No

GB 03/05549

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G09F19/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 02/21488 A (CAUDREY JO.; EVELY JEFF (GB); MOTIONPOSTER PLC (GB))  14 March 2002 (2002-03-14)  cited in the application  page 7, line 25 - page 8, line 21  page 8, line 26 - line 30  page 9, line 19 - line 26  page 10, line 31 - page 11, line 20  page 13, line 11 - line 20  page 14, line 4 - page 15, line 15  page 16, line 4 - line 13  page 22, line 14 - line 23  figures 1, 2, 11</p> <p style="text-align: center;">--- -/-</p>	<p>1-11,  15-36, 56</p>

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

10 May 2004

Date of mailing of the international search report

18/05/2004

Name and mailing address of the ISA

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Authorized officer

Pantoia Conde A

## INTERNATIONAL SEARCH REPORT

International Application No

GB 03/05549

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 989 535 A (SONY CORP ;YAMAMOTO MASAOMI (JP)) 29 March 2000 (2000-03-29) column 3, line 4 - line 46 column 7, line 8 - line 47 column 11, line 29 - line 44 figures 1,4,6 ----	1,23,24, 37,50
X	EP 0 930 602 A (SONY CORP) 21 July 1999 (1999-07-21) column 5, line 23 -column 6, line 46 column 8, line 33 - line 39 column 16, line 37 - line 58 figures 1,11,14,15,17 ----	56-70
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 494 (P-1123), 26 October 1990 (1990-10-26) & JP 02 201489 A (MITSUBISHI RAYON CO LTD), 9 August 1990 (1990-08-09) abstract ----	56-70
A	DE 31 05 820 A (KEMPIS THOMAS;HOCHBERG PETER) 26 August 1982 (1982-08-26) page 10, line 6 - line 12 figure 9 -----	1-56

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

GB 03/05549

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0221488	A	14-03-2002	GB 2366653 A AU 8430001 A CN 1383535 T WO 0221488 A2	13-03-2002 22-03-2002 04-12-2002 14-03-2002
EP 0989535	A	29-03-2000	JP 2000162994 A EP 0989535 A2 US 6466182 B1	16-06-2000 29-03-2000 15-10-2002
EP 0930602	A	21-07-1999	JP 11202818 A JP 11202817 A CN 1231431 A EP 0930602 A1 US 2002003510 A1	30-07-1999 30-07-1999 13-10-1999 21-07-1999 10-01-2002
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DE 3105820	A	26-08-1982	DE 3105820 A1	26-08-1982